

**Determination of the Catalytic Product of
Pentachlorophenol 4-Monooxygenase (PcpB) and
Crystallization of Tetrachlorohydroquinone
Reductive Dehalogenase, Dichlorohydroquinone
Dioxygenase and PcpB in the Pentachlorophenol
Biodegradation Pathway**

A Thesis Submitted to the College of Graduate Studies and
Research in Partial Fulfillment of the Requirements for the
Degree of Master of Science in the Division of Pharmacy

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